IN THE SPECIFICATION

Please amend one paragraph of the specification as follows:

On page 4, please replace paragraph [1009] with the following paragraph:

Now consider FIG. 2, in which channel capacity is allocated dynamically according to each producer's ability to use the channel during any given quarter-second. At time 0, only producer A has data to transmit. Therefore, we allocate the entire channel capacity of 200 Kbits/s to producer A, and it completes its task in 0.25 s, for a 75% savings over the static allocation scheme. At time 0.5 s, producers B and C each have data to transmit, so we allocate 50% of the channel capacity to each one, and they complete their tasks in 0.5 s, for a savings of 50%. (Note that a more optimal scheme would allow either B or C to use the entire channel, completing transmission in 0.25 s. The other producer would still complete in [[0.5]] 0.25 s, using the entire channel between times 0.75 and 1.0 s.)